Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

SBR-27/02-8-18

No. 1st & Final Bill

Date.....2018

Zone:BBMP,Yelahanka Division:BBMP, Byatarayanapura Sub-Division:BBMP, Kodigehalli

Bill Received No. Dated Divisional / Sub-Divisional

Cash Book Voucher No.....Dated.....

Job Code: 007-18-000013

Schedule Docket No. Head of Account: P2200 Est.Cost: Rs.99.00 Lakhs D.R.NO.:

Name of Work : Providing water supply through drilling new borewells and water pipeline in Hebbala, Kariyanna Layout, Errannapalya, Kempapura, Mariyannapalya, Amruthahalli and Surrounding areas in Ward No 07

Name of Contractor and Full Address: Executive Engineer , K.R.I.D.L, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10

Reference to Agreement No. BBMP/EE/BTP/WO/44/2018-19 Date: 19.07.2018

Certified that the measurements were taken by me on: 30/7/18 and recorded of Pages 494201 to 494229 of measurement Book No. 4943/2017-18 and that work is satisfactorily executed.

Assistant Executive Engineer
Byatarayanapura Sub Division
KRIDL, BBMP, Bangalore

Contractor

M.N.D AE(W) 30/7/18

Officer-in-charge of work

Certified that measurement were taken by me on 30/7/18 /2018 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Sub-Division Officer

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....Percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....
      adjusted towards cash advance recovery of
   b) Payments cost store or other material supplied.
      Now made recovery of amount creditable to this /other work
      Amount paid on this bill Cheque/Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No.....
   dated .....less adjustments.
7) Net amount due to or from Contractor
   unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within
9) Value of Government materials supplied.

Amount Today: 97,95,215-00

IT - 195904-00
Cess - 97952-00
CBF - 9795-00
LR - 34 277-00
FSD - 489761-00

Adju. 827689-00
Cheque: 8967526-00

Total amount adjusted

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Contractor's Signature

Received Rs.....(in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1
2

Assistant Executive Engineer
Byatarayanapura Sub Division
KRIDL, BBMP, Bangalore

Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Stamp

97,95,215-00
(For use in the Office)
813002-00
Rs: 8967526-00
Rs: Eighty seven lakh sixty seven thousand five hundred twenty six only

Executive Engineer

02/8

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate Description	Unit
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each BW
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 0 to 50 m	Rmtr
	50 to 100 m	Rmtr
	100 to 150 m	Rmtr
	150 to 200 m	Rmtr
	200 to 250 m	Rmtr
	250 to 300 m	Rmtr
3	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of	Rmtr
4	Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work	Rmtr
5	Providing and fixing 160mm Borewell Cap ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.
6	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 10.00 HP 20 stage.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 15.00 HP 30 stage	No
	12.50 HP 25 Stage	
	10.00 HP 20 Stage	

Previous Measurement		Present Measurement			Total Upto Date	
Qty	Rate Rs. P.	Qty	Rate Rs. P.	Amount	Qty	Cost
-	-	9	1938.46	17446.14	9	17446.14
-	-	450	315.18	141831.00	450	141831.00
-	-	450	412	185400.00	450	185400.00
-	-	450	458.35	206257.50	450	206257.50
-	-	450	484.1	217845.00	450	217845.00
-	-	450	560.32	252144.00	450	252144.00
-	-	450	600.49	270220.50	450	270220.50
-	-	630	1325	834750.00	630	834750.00
-	-	162	1100	178200.00	162	178200.00
-	-	9	100	900.00	9	900.00
-	-	2	70600	141200.00	2	141200.00
		4	60400	241600.00	4	241600.00
		3	50100	150300.00	3	150300.00

7	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr
8	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
9	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) etc., complete and as per the directions of the Engineer-in-charge of the work	Length
10	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.
11	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
12	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
13	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Civil SR KSRB 1-2 P-7 with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
14	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr
15	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.
16	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No
17	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.
18	Providing and fixing in position **50mm** nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No
19	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No

-	-	2500	457.92	1144800.00	2500	1144800.00
-	-	5060	126.7	641102.00	5060	641102.00
-	-	441	88	38808.00	441	38808.00
-	-	9	302	2718.00	9	2718.00
-	-	315	140.4	44226.00	315	44226.00
-	-	315	10.8	3402.00	315	3402.00
-	-	270	85	22950.00	270	22950.00
-	-	36	345	12420.00	36	12420.00
-	-	9	280	2520.00	9	2520.00
-	-	9	2727	24543.00	9	24543.00
-	-	54	180	9720.00	54	9720.00
-	-	9	1585.76	14271.84	9	14271.84
-	-	36	227.9	8204.40	36	8204.40

-	-	36	104.3	3754.80	36	3754.80
-	-	9	1547	13923.00	9	13923.00
-	-	210600	0.33	69498.00	210600	69498.00
-	-	9	6583	59247.00	9	59247.00
-	-	1206	188	226728.00	1206	226728.00
-	-	880	157	138160.00	880	138160.00
-	-	1750	475.2	831600.00	1750	831600.00
-	-	468	2922.42	1367692.56	468	1367692.56
-	-	736.6	61	44932.60	736.6	44932.60
-	-	44.91	5256.36	236063.13	44.91	236063.13
-	-	44.46	6349.32	282290.77	44.46	282290.77
-	-	154.92	1768.08	273910.95	154.92	273910.95

32	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm
33	Providing and laying **bituminous concrete 40 mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
34	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) **65mm nominal bore** including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each
	Bescom Deposit Amounts	
	Total	
	Add 10% K.R.I.D.L Charges	
	Add 1% Labour Cess Charges	
	Total	

CRTIFICATE:

1. Certified that the above work done satisfactory and no materials issued from Department

Abdly. N. D
AE(WH)

-	-	597	27.56	16453.32	597	16453.32
-	-	30.98	7083.98	219461.70	30.98	219461.70
-	-	60	2781	166860.00	60	166860.00
				73440.00		73440.00
				8831795.21		8831795.21
				883179.52		883179.52
				88317.95		88317.95
				9803292.68		9803292.68

Total: 8758355/-
Add 10% KRIDL 10% Charges: 875836/-
Add 1% Labour 1% Cess charge: 87584/-
Bascom Deposit Rs: 73440/-
G. Total Rs: 97,95,215/-

Assistant Executive Engineer
Lake Development Division
Yelahanka Zone, B.B.M.P.
Bangalore.